

1 **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

2 Serial No. 10/764,345
3 Filing Date 1/23/2004
4 Confirmation No. 5777
5 Inventorship Tie Liu
6 Applicant Microsoft Corporation
7 Group Art Unit
8 Examiner
9 Attorney's Docket No. MS1-1811US
10 Title: Watermarking via Quantization of Rational Statistics of Regions

11 **INFORMATION DISCLOSURE STATEMENT**

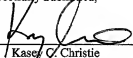
12 *References -- See Attached Form PTO-1449*

13 **REMARKS**

14 The citations listed, copies attached, are submitted in compliance with the
15 duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make
16 these citations of official record in this application.
17

18 Respectfully Submitted,

19 Date: 1-4-06

20 By: 
21 Kasey C. Christie
22 Reg. No. 40559
23
24
25

Substitute for form 1448PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Complete If Known

Application Number	10/784,345
Filing Date	1/23/2004
First Named Inventor	Tie Liu
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1811US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 20020126872	9/12/2002	Brunk, Hugh L.; et al.	
		US- 20030056101	3/20/2003	Epstein, Michael	
		US- 5802518	9/1/1998	Karavay et al.	
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		US- 6,546,114	4/8/2003	Venkatesan, et al.	
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		US- 6701014	3/2/2004	Syeda-Mahmood	
		US- 6768809	7/27/2004	Rhoads, et al.	
		US- 6799158	9/28/2004	Fischer, et al.	
		US- 6839673	1/4/2005	Choi, et al.	
		US-			
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FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ² Number ¹ Kind Code ³ (if known)			

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First Named Inventor	Tie Liu
Art Unit	
Examiner Name	
Attorney Docket Number	MS1 1811US

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kesal, et al., "Iteratively Decodable Codes for Watermarking Applications" Proceedings of the Second Symposium on Turbo Codes and Their Applications France September 2000 4 pages.	
		Lin et al., "A Robust Image Authentication Method Distinguishing JPEG Compression from Malicious Manipulation", IEEE Transactions, Feb. 2001, Volume 11, No. 2, pp. 153-168	
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		B. Chen and G. W. Wornell, "Digital watermarking and information embedding using dither modulation," Proc. IEEE Workshop on Multimedia Signal Processing, Redondo Beach, CA, pp. 273-278, Dec. 1996.	
		F. A. P. Petitcolas and R. J. Anderson, "Evaluation of copyright marking systems," Proceedings of IEEE Multimedia Systems'99, vol. 1, pp. 574-579, 7-11 June 1999, Florence, Italy.	
		I. J. Cox, J. Killian, T. Leighton, and T. Shamoon, "A secure robust watermark for multimedia," Information Hiding Workshop, University of Cambridge, pp. 185-206, 1996.	
		J. Dittman, M. Stabenau and R. Steinmetz, "Robust MPEG video watermarking technologies," Proceedings of ACM Multimedia '98, The 6th ACM International Multimedia Conference, Bristol, England, pp. 71-80.	
		M. D. Swanson, B. Zhu and B. Chau, "Object based transparent video watermarking," Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing, June 23 - 25, 1997, Princeton, New Jersey, USA.	
		M. K. Mihçak and R. Venkatesan, "A tool for robust audio information hiding: A perceptual audio hashing algorithm," submitted to Workshop on Information Hiding, Pittsburgh, PA, 2001.	
		T. Kalker and J. Hellme, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," Proc. IEEE ICIP, Vancouver, Canada, September 2000.	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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